

NWS FORM E-5

(11-88)

(PRES. BY WSOM E-41)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH

July

YEAR

2003

SIGNATURE

Jason Johnson

In Charge of HSA

DATE

August 14, 2003

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41)

☒ No flood stages were reached in this HSA for the month above.

Much of West Central Texas received below normal rainfall for the month of July. The Big Country was especially dry with some areas reporting no measurable precipitation. Abilene experienced its fifth driest July on record.

While the previous month was wetter than normal, July seemed to quickly dry out the area. A few systems moved in to the region bringing only scattered precipitation. The remnants of Hurricane Claudette passed just south of West Central Texas. The southern half of the HSA received light to moderate rain from the storms associated with the tropical system.

For the month of July, San Angelo Regional Airport received 0.90 of an inch of rain. This is 0.20 of an inch below the monthly normal of 1.10 inches. Abilene Regional Airport received 0.05 of an inch of rain in July, which is 1.65 of an inch below the monthly normal of 1.70 inches.

Rainfall Totals for July

| Station Name | Amt (in) | Station Name | Amt (in) |
|---------------|-------------|-------------------|-------------|
| Abilene 2 | 0.36 | London 3N | 1.96 |
| Acton Ranch | 2.81 | Mason | 4.10 |
| Albany | 0.26 | Menard | 2.52 |
| Anson | 0.00 | Merkel 12SW | 0.18 |
| Ballinger 2NW | 0.22 | Ozona 1SSW | 1.20 |
| Brady | 0.25 | Putnam | 0.19 |
| Brownwood | 0.44 | Richland Springs | 0.00 |
| Burkett | ---- | Roscoe | 0.09 |
| Coleman | 0.39 | Rotan | 0.16 |
| Concho Park | 0.41 | San Angelo WFO | 0.82 |
| Eldorado | 2.14 | San Saba 7NW | 1.95 |
| Eldorado 10W | 2.90 | Silver Valley | 0.45 |
| Eldorado 12N | 0.76 | Sonora | 1.49 |
| Fort Griffin | ---- | Stamford | 0.09 |
| Fort McKavett | 0.86 | Sterling City | 1.36 |
| Funk Ranch | 0.55 | Sterling City 8NE | 0.55 |
| Glen Cove | 0.10 | Taylor Ranch | 0.30 |
| Hamlin | 0.15 | Telegraph | 2.28 |
| Haskell | ---- | Throckmorton 7NE | 0.44 |
| Hords Creek | 0.36 | Trent | 0.00 |
| Humble Pump | ---- | Water Valley | 1.04 |
| Junction 4SSW | 1.46 | Water Valley 11NE | 0.25 |
| Lake Abilene | ---- | Winters | 0.11 |
| Lawn | 0.39 | Woodson | 0.48 |

Most of the Concho Valley continues to suffer from dry hydrologic conditions since area reservoirs remain well below their normal capacity. The water level in Twin Buttes Reservoir is below the equipment that provides readings of the pool elevation. With below normal rainfall over the month of July and increased municipal water use demands, the reservoirs across West Central Texas have experienced declines in water levels.

Reservoir Conditions (end of July, 2003)

| Reservoir | Conservation Capacity (Ac-Ft) | Current Capacity (Ac-Ft) | Percent of Capacity (%) |
|--------------------|--|---|--|
| Fort Phantom Hill | 70,030 | 38,913 | 56 |
| Lake Stamford | 52,700 | 37,934 | 72 |
| Hubbard Creek Lake | 317,800 | 139,500 | 44 |
| Hords Creek Lake | 8,800 | 2,091 | 24 |
| Lake Brownwood | 131,428 | 125,000 | 95 |
| E.V. Spence | 488,760 | 55,170 | 11 |
| Twin Buttes | Below | Equipment | |
| O.C. Fisher | 119,200 | 3,931 | 3 |
| O.H. Ivie | 554,340 | 210,100 | 38 |

Hydro Products Issued

FFA = 3

FFW = 1

FLS = 4 (Urban and Small Stream)

RVS = 0

FLW = 0